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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
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Application Number

Complete If Known

10783.505

Filing Date

February 24, 2003

First Named Inventor

David P. Bloomfield, et al.

Art Unit

1764

Examiner Name

Attorney Docket Number

X-0132

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

3/21/05

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/783,505
		Filing Date	February 24, 2003
		First Named Inventor	David P. Bloomfield, et al.
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	X-0132	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BR	CA	Alpay et al., "Combined Reaction and Separation in Pressure Swing Processes," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5845-5864, 1994	
	CB	Berty et al., "Beat the Equilibrium," <i>Chemtech</i> , October 1990, pp 624-629	
	CC	Carvill et al., "Sorption-Enhanced Reaction Process," <i>AIChE Journal</i> , Oct. 1998, Vol. 42, No. 10, pp 2765-2772	
	CD	Han et al., "Simultaneous Shift Reaction and Carbon Dioxide Separation for the Direct Production of Hydrogen," <i>Chemical Engineering Science</i> , Vol. 49, No. 24B, pp 5875-5883 (1995)	
	CE	Hufton et al., "Sorption-Enhanced Reaction Process for Hydrogen Production," <i>AIChE Journal</i> , Feb. 1999, Vol. 45, No. 2, pp 248-256	
	CF	Kuramoto et al., "Repetitive Carbonation-Calcination Reactions of Ca-Based Sorbents for Efficient CO ₂ Sorption at Elevated Temperatures," <i>Ind. Eng. Chem. Res.</i> , 2003, Vol. 42, pp 975-981	
	CG	Lin et al., "Hydrogen Production from Hydrocarbon by Integration of Water-Carbon Reaction and Carbon Dioxide Removal (HyPr-RING Method)," <i>Energy and Fuels</i> , 2001, Vol. 15, pp 339-343	
	CH	Rizeq et al., "Fuel-Flexible Gasification-Combustion Technology for Production of H ₂ and Sequestration-Ready CO ₂ ," Annual Technical Progress Report 2002, October 2002, DOE Award No. DE-FC26-00FT40974, General Electric and Environmental Research Corporation, pp. 1-39	
BR	CI	Silaban et al., "High Temperature Capture of Carbon Dioxide: Characteristics of the Reversible Reaction Between CaO(s) and CO ₂ (g)," <i>Chem. Eng. Comm.</i> , 1995, Vol. 137, pp 177-190	

Examiner Signature	<i>Barbara Ridgway</i>	Date Considered	3/21/05
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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